MISSOURI DEPARTMENT OF NATURAL RESOURCES
(573) 368-2165

HIGH YIELD AND PUBLIC WELL RECORD AND PUMP INFORMATION DATA

REF NO	DATE RECEIVED		
CR NO			
STATE CERT NO	APPROVED	DATE	CHECK NO.
DATE ENTERED PH1 PH2 PH3	ROUTE / /	REVENUE NO.	

INFORMATION SUPPLIED BY WELL OR PUMP INSTALLATION CONTRACTOR

OWNER NAME	TELEPHONE NUMBER (OPTIONAL)	DNR VARIANCE NUMBER	CASING DEPTH NUMBER
		Applicable only if casing depth or variance were obtained from DNR.	
OWNER ADDRESS (STREET NUMBER AND ADDRESS - NO PO BOX)	CITY	STATE	ZIP
ADDRESS OF WELL (IF DIFFERENT THAN ABOVE)	CITY	STATE	ZIP

SEE BACK OF FORM FOR WELL CLASSIFICATIONS

PROPOSED USE OF WELL

- ☐ WATER SUPPLY FOR IRRIGATION (capable of producing more than 70 gpm to surface)
  - UNCONSOLIDATED MATERIAL WELL ☐ BEDROCK WELL ☐
- ☐ WATER SUPPLY FOR A HIGH-CAPACITY WELL (capable of producing more than 70 gpm to surface - get casing depth from Water Resource Center before start)
- ☐ OPEN LOOP HEAT PUMP
  - SUPPLY WELL ☐ RETURN WELL ☐
- ☐ WATER SUPPLY TO A PUBLIC FACILITY (convenience store, restaurant, bar, church, business, nursing home, condo, mobile home park, rural or urban water supply)

CONTACT THE DNR REGIONAL OFFICE to get instructions for WATER SUPPLY to a PUBLIC FACILITY

CASING DETAILS

CASING LENGTH	O.D. OF CASING	WEIGHT OF CASING	DIAMETER OF DRILL HOLE	CASING MATERIAL	POSITION OF GROUT SEAL
FT.	IN.	LB.	IN.	☐ STEEL ☐ PLASTIC ☐ CONCRETE	☐ BOTTOM ☐ TOP ☐ FULL LENGTH

CASING GROUT MATERIAL

CEMENT	BENTONITE	NO. OF SACKS USED	METHOD OF GROUT INSTALLATION	PRESSURE GROUT	DRILLING SUSPENDED
☐ TYPE 1 ☐ HI-EARLY	☐ SLURRY ☐ CHIPS ☐ GRANULAR ☐ PELLETS	POUNDS PER SACK	☐ GRAVITY ☐ OPEN HOLE ☐ POS. DISPLACEMENT ☐ TREMIE	☐ THROUGH CASING ☐ THROUGH TREMIE	☐ NO ☐ YES ____ HRS.

LINER DETAILS

LENGTH	O.D. OF LINER	LINER MATERIAL	POSITION OF SEAL
FT.	IN.	☐ STEEL ☐ PLASTIC	☐ FULL LENGTH ☐ BOTTOM ☐ TOP

LINER GROUT MATERIAL

CEMENT	BENTONITE	NO. OF SACKS USED	METHOD OF GROUT INSTALLATION	LINER USED TO	ABANDONED WELL ON SITE?
☐ TYPE 1 ☐ HI-EARLY	☐ SLURRY ☐ CHIPS ☐ GRANULAR ☐ PELLETS	POUNDS PER SACK	☐ GRAVITY ☐ OPEN HOLE ☐ DISPLACEMENT ☐ TREMIE	☐ HOLD BACK FORMATION ☐ PREVENT RUST ☐ SEAL OUT UNDESIRABLE CONDITIONS	☐ YES PLUGGED? ☐ YES

GPS LOCATION OF WELL
LAT. _____° _____′ _____″
LONG. _____° _____′ _____″
COUNTY _____

DEPTH FROM	DEPTH TO	FORMATION DESCRIPTION

DEPTH TO BEDROCK _____ FEET
TOTAL DEPTH _____ FEET

DEPTH TO FIRST GROUNDWATER	_____ FEET	PUMP RATE	_____ GPM
WELL YIELD	_____ GPM	PUMP SET DEPTH	_____ FEET
STATIC WATER LEVEL	_____ FEET	PUMP INSTALLATION DATE	_____
WELL COMPLETION DATE	_____	PUMP INFO REQUIRED THIS RECORD OR ON PUMP CARD	

ELEVATION (OPTIONAL)	LEGAL LOCATION (OPTIONAL)	
_____ FT	_____ ¼ _____ ¼ _____ ¼ SEC. _____ TW _____ RNG. _____ E OR W	AREA _____ C DATA REQ'D ☐

OTHER INFORMATION OR LOCATION DATA

I HEREBY CERTIFY THE WELL/PUMP INFORMATION DESCRIBED HEREIN IS TRUE AND ACCURATE

PRIMARY CONTRACTOR SIGNATURE	PERMIT NUMBER	DATE
WELL DRILLER SIGNATURE	PERMIT NUMBER	DATE
PUMP INSTALLER SIGNATURE	PERMIT NUMBER	DATE

MO 780-1901 (6-06)

DISTRIBUTION: WHITE - DIVISION **CANARY** - DRILLER **PINK** - OWNER

SUBMIT WITH $35.00 FEE TO DNR, PO BOX 250, ROLLA, MO 65402

TYPES OF WELLS

Public Water System. A system for the provision to the public of piped water for human consumption, if this system has at least fifteen (15) service connections or regularly serves an average of at least twenty-five (25) individuals daily at least sixty (60) days out of the year. This system includes any collection, treatment, storage or distribution facilities used in connection with the system.

A public water system is either a community water system, transient noncommunity water system or nontransient noncommunity water system. **All community or noncommunity public water supply wells must be constructed according to Missouri Public Drinking Water rules.**

Community Water System. A public water system which serves at least fifteen (15) service connections or regularly serves an average of at least twenty-five (25) residents on a year-round basis.

Transient Noncommunity Water System. A public water system that is not a community water system which has at least fifteen (15) service connections or regularly serves an average of at least twenty-five (25) individuals daily on a year-round basis.

Petroleum Distribution Site Well. A water supply well constructed adjacent to and in connection with petroleum distribution sites is considered a Transient Noncommunity Water System. **(wells for gasoline stations or convenience stores with gas pumps are transient noncommunity wells)**

Nontransient Noncommunity Water System. A public water system that is not a community water system, which has at least fifteen (15) service connections or regularly serves an average of at least twenty-five (25) individuals daily at least sixty (60) days of the year.

All public water systems must be approved **in advance of DRILLING** by the DNR Regional Office. All public water systems except Transient Noncommunity Water Systems must have engineering design conducted by a professional engineer. all public water systems must have a Public Water Supply Branch permit for well and system construction (before the start of construction) and another permit for dispensing of water.

NOTE: Rules specify the number of connections and the number of people to be served to be considered a public system. **SINCE MISSOURI RESIDENCES AVERAGE 3 PEOPLE, THE NUMBER OF CONNECTIONS ALLOWED FOR A DOMESTIC WELL IS USUALLY LIMITED TO EIGHT (8) CONNECTIONS NOT FIFTEEN (15) CONNECTIONS. UNLESS SITE SPECIFIC POPULATION DATA IS PRESENTED, A WELL WITH MORE THAN 8 CONNECTIONS WILL BE CONSIDERED TO BE A PUBLIC WELL.**

High Yield Well. Those water supply wells that are constructed to meet required standards and are equipped with a pump that has the capacity to produce more than seventy (70) gallons of water per minute (see 10 CSR 23-3.030 for construction requirements).

Irrigation Well

Unconsolidated Material Irrigation Well. Water supply well drilled into alluvial, glacial drift or glacial outwash aquifers and is not deeper than two hundred feet (200'), and produces water not for human consumption and is equipped with a pump which has the capacity to produce more than seventy (70) gallons of water per minute (see 10 CSR 23-3.030 for construction requirements).

Bedrock Irrigation Well. Water supply well drilled into bedrock aquifers that is constructed to meet required standards and is equipped with a pump that has the capacity to produce more than seventy (70) gallons of water per minute. The produced water is for irrigating crops but may be used for human consumption (see 10 CSR 23-3.030 for construction requirements).